

25. (Amended) A polynucleotide probe reagent capable of detecting the presence of *Chlamydia* in a biological material, comprising a polynucleotide that hybridizes to the polynucleotide of claim 1 under stringent conditions.

38. (New) The host cell of claim 14, wherein said eukaryotic cell is a mammalian cell.

39. (New) The host cell of claim 38, wherein said mammalian cell is a human cell.